Supplementary

Second-order polynominal to measured cumulative infiltration versus the square root of time ($^{t0.5}$) (b) and by fitting a linear equation to measured infiltration rate versus 1 / ($2t^{0.5}$) (d).

Treatments	Cumulative Evaporation	Infiltration Rate
Control	y = 0.2195x2 + 1.151x	y = 2.5476x + 0.5234
	R^2 = 0.9998	R^2 = 0.9944
B 1	y = 0.1302x2 + 1.6264x	y = 3.2648x + 0.5963
	R^2 = 0.9998	R^2 = 0.996
B 2	y = -0.0217x2 + 1.9674x	y = 3.5698x + 0.5635
	R^2 = 0.9918	R^2 = 0.9801
B 3	y = 0.0849x2 + 1.2972x	y = 2.7457x + 0.4167
	R^2 = 0.9996	R^2 = 0.9932
B 4	y = 0.0629x2 + 1.5562x	y = 3.0512x + 0.5124
	R^2 = 0.9997	R^2 = 0.9937
P 1	y = 0.074x2 + 0.8886x	y = 1.9366x + 0.2897
	R^2 = 0.9996	R^2 = 0.9924
P 2	y = 0.0489x2 + 0.7989x	y = 1.7351x + 0.2425
	R^2 = 0.9996	R^2 = 0.9914
P 3	y = 0.0466x2 + 0.5567x	y = 1.2236x + 0.1815
	R^2 = 0.9988	R^2 = 0.9902
P 4	y = 0.0623x2 + 0.5566x	y = 1.2289x + 0.2023
	R^2 = 0.9986	R^2 = 0.9907
B 1 : P 1	y = 0.063x2 + 0.9477x	y = 1.974x + 0.3073
	R^2 = 0.9996	R^2 = 0.9896
B 2 : P 2	y = 0.0691x2 + 0.5552x	y = 1.2524x + 0.2101
	R^2 = 0.9871	R^2 = 0.9799
B 3 : P 3	y = 0.0552x2 + 0.6437x	y = 1.3108x + 0.2268
	R^2 = 0.9987	R^2 = 0.9826
B 4 : P 4	y = 0.0661x2 + 0.5418x	y = 1.1022x + 0.2132
	R^2 = 0.9971	R^2 = 0.9761